
SIR GEORGE WILLIAMS COLLEGE
MONTREAL, CANADA

S P A C E B U D G E T

BUILDING & FURNISHINGS SERVICE ● NATIONAL COUNCIL OF YMCA'S

BUDGET OF SPACE
MONTREAL - CENTRAL YMCA
SIR GEORGE WILLIAMS COLLEGE
SCHEME OF 2-25-53

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NOTE: Figures used in the following table are based on interior room dimensions.

Area required in Space Budget of March 15, 1950	87,768**
Area available in new addition of this scheme	63,723
Area available in existing building	19,157
Total usable area this scheme	82,880*
Necessary cut-back in original budget	4,888

* Included are necessary functions to the operation of an expansion program not taken into account in the original Space Budget.

** This figure has been adjusted to eliminate the locker rooms, check room, and club rooms as indicated in following table.

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AREA DESIGNATION	Space Budget March 15, 1950			This Scheme Totals		This Scheme Existing Bldg.		This Scheme New Bldg.	
	Occupancy Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
Lecture Theatre (Aud.)	400	1	5,400	1	3,060			1	3,060
Stage*				1	640			1	640
Work shop*				1	432			1	432
Dressing Rooms*				2	108			2	108
Chair Storage*				2	405			2	405
Projector Gallery*				1	330			1	330
Lecture Hall	100	2	1,800	2	2,444			2	2,444
" "	80	2	1,440	2	1,672	2	1,672		
" "	60	5	3,400	5	2,875			5	2,875
Preparation Room*				1	99			1	99
Class Rooms	45	22	17,820	22	13,310	4	3,158	18	10,152
" "	35	10	6,300	2	1,279	2	1,279		
" "	25	10	4,500	4	2,027	4	2,027		
" "	15	5	1,350	3	795	3	795		
Totals		<u>\$7</u>	<u>42,010</u>	<u>44</u>	<u>29,476</u>		<u>8,931</u>		<u>20,545</u>
Art Department									
Studios		2	1,800	2	2,162			2	2,162
"		2 <u>\$</u>	1,400	2 <u>\$</u>	1,582			2	1,582
"		<u>1</u>	200	<u>1</u>	230			1	230
Office		1	200	1	299			1	299
Storage		2	150	3	164			3	164
Wash-up		1	50	4	168			4	168
Totals			<u>3,800</u>		<u>4,605</u>				<u>4,605</u>

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AREA DESIGNATION	Space Budget March 15, 1950			This Scheme Totals		This Scheme Existing Bldg.		This Scheme New Bldg.	
	Occupancy Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
Commercial Department									
Typewriter Rooms	45	2	1,700	3	1,029	3	1,029) See Norris' con- ference of 1-30-53	
Business Machines		1	500	1	362	1	362		
Totals		<u>3</u>	<u>2,200</u>	<u>4</u>	<u>1,391</u>		<u>1,391</u>		
Psychological Dept.									
Laboratory & Testing	15	1	350	1	168	1	168) See Norris' con- ference of 1-30-53	
Totals		<u>1</u>	<u>350</u>	<u>1</u>	<u>168</u>		<u>168</u>		
Biology Department									
Elementary Laboratory	48	1	1,060	1	1,896	Per memo of 2-6-53		1	1,896
Advanced Laboratory	36	1	760	1	864			1	864
Faculty Laboratory		1	250	1	287			1	287
Faculty Office		1	250	1	299	decreased to 288 per memo of 2-6-53		1	299
Museum Study	See memos	(1	560	1	299			1	299
Preparation Storage	of	(1		1	232			1	232
Microscope Room	2-6-53	(1		1	84			1	84
Dark Room	and	(1		1	84			1	84
Animal Room	4-15-52	(2		2	256			2	256
Green House		(1		1	165			1	165
Totals			<u>2,880</u>		<u>4,466</u>				<u>4,466</u>

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	Occupancy Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
<u>Chemistry Department</u>									
General Laboratory	75	1	2,250	1	1,800			1	1,800
Advanced Laboratory	30	1	900	1	978			1	978
Demonstration Office		1	250	1	288			1	288
Balance Room		1	100	1	104			1	104
Textile & Industrial Lab.		1	600	1	816			1	816
Stock Room		3	300	3	286			3	286
Apparatus Room		1	100	1	104			1	104
Faculty Laboratory		1	250	1	299			1	299
Faculty Office		1	250	1	299			1	299
Totals			5,000		4,974				4,974
<u>Physics Department</u>									
General Laboratory	50	1	1,250	1	1,080			1	1,080
Electrical Laboratory	30	1	800	1	891			1	891
Advanced Laboratory	20	1	535	1	684			1	684
" "	10	1	265	1	552			1	552
Storage Room		1	150	1	156			1	156
Work Shop		1	100	1	126			1	126
Faculty Laboratory		1	250	1	299			1	299
Faculty Office		1	250	1	299			1	299
Dark Room (As per memo of 2-12-53)		1	98	1	98			1	98
Power Room*				1	78			1	78
Totals			3,698		4,263				4,263

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	Occupancy								
	Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
Library			7,000	1	6,077				
Coat Check			Per Norris conf. 1-30-53	1	184				
Totals			7,000		6,261				
Student Facilities									
Common Common Room		1	1,000	1	1,000			1	1,000
Men's Common Room		1	1,000	1	960			1	960
Women's Common Room		1	800	1	960			1	960
Common Recreation Room		1	1,000	1	1,080			1	1,080
Common Room for Schools		1	1,000	1	390	1	390 (As per Norris conf. 1-30-53)		
Club Rooms		3	450	(Share Central Y's Club Rms.)					
Lunch Room		1	1,000	1	1,175			1	1,175
Student Activities Office		4	600	3	560) As per Norris conf. 1-30-53		3	560
Athletics Office		1	200	3	480) of 1-30-53		3	480
Examination Office		1	200	1	108			1	108
Athletic Storage		1	100	1	121			1	121
Totals			7,350		6,834		390		6,444
Administration & Supervision									
Gen. Adm. Office & Wait. Room		1	1,000	1	628	per Norris conf. of 1-30-53		1	628
Administrative Staff Offices		8	1,600	8	1,360			8	1,360
Secretaries Offices		4	600	4	640			4	640
Staff Toilets*				2	150			2	150
Stenographers Pool		1	400	1	275	per Norris conf. of 1-30-53		1	275
Stationery Store		1	150)						
Book Store		1	800)	1	972			1	972

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	Occupancy								
	Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
<u>Administration & Supervision - Cont.</u>									
Book Storage		1	150	1	190			1	190
Shipping & Receiving		1	150	2	522			2	522
Superintendent's Office*				1	100			1	100
Counsellors Offices		4	600	3	429)	As per Norris		(3	429
" Library				1	110)			(1	110
" Testing				1	109)	conference		(1	109
" Interviewing				2	135)			(2	135
" Storage				1	23)	of 1-30-53		(1	23
Faculty Room		1	900	1	936			1	936
Faculty Offices		16	2,400	16	2,775			16	2,775
Women's Staff Room		1	600	1	648			1	648
Faculty Reading Room		1	600	1	624			1	624
Faculty Toilets		2	330	2	417			2	417
Mimeograph Room		1	150	1	184			1	184
Records Office		1	200	2	804	As per Norris conf. of 1-30-53		2	804
First Aid		1	100	1	160			1	160
Alumni Exec. Office		1	200	1	195			1	195
Conference Room		1	200	1	195			1	195
Schools Offices		3	700	6	800	6	800	(As per Norris conf. of 1-30-53)	
Audio-Visual Eq. Room		1	100	1	153	1	153		
Totals			11,930		13,534		953		12,581

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	Occupancy								
	Each Room	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.	No.	Sq. Ft.
<u>General Facilities</u>									
Men's Locker Room	1	2,000)	Lockers in corridor wells.						
Women's Locker Room	1	2,000)							
Check Room	1	1,000	- in library only						
Entrance Lobby	1	2,000							
Auditorium Gallery*			1	1,434			1	1,434	
			1	720			1	720	
Totals		7,000		2,154				2,154	
<u>Physical Facilities</u>									
Women's Locker Room*	Totals			1,063		1,063			
<u>*Miscellaneous Facilities</u>									
Boiler & Mech. Equip.			1	1,500			1	1,500	
Pipe Fitting Shop			1	837			1	837	
Carpentry Shop			1	780			1	780	
House Storage			1	276			1	276	
Helps Toilets			1	228			1	228	
Waste Storage			1	70			1	70	
Totals				3,691				3,691	
GRAND TOTALS		93,218		82,880		19,157		63,723	
		87,768*							